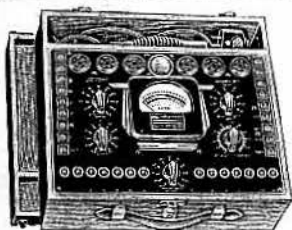


New SUPREME Test Equipment



NEW 502 RADIO TESTER

- New Floating Filament Return.
- Tapped Line Voltage Selector.
- "Good-Bad" Tube Test Scale.
- Five Ohmmeter Ranges.
- Makes Condenser Leakage Tests.
- Four Voltage Ranges AC or DC.

A "Supreme" achievement in modern tube tester design. Permits fast, accurate testing of every existing glass or metal type tube. New "Floating Filament Return" selector switch makes possible tests of all tubes, present or future, regardless of filament connection locations. Only six sockets are required to handle all tube types. Direct-reading "Good-Bad" scale for tube tests is also used for electrolytic condenser leakage tests. Neon bulb provides check on electrostatic condenser leakage. New square meter with 1 M.A. movement (1000 ohms per volt) has nine scale ranges for external circuit tests. Meter ranges are: 0-7-140-350-1400 volts A.C. or D.C.; 0-200-2000-20,000 ohms and 0-2-20 megohms. 0-200 ohm scale has mid-scale reading of 3.5 ohms. All meter scales are evenly spaced.

This new tube tester has been designed to speed up your work, either in the shop or on service calls. Tests are made while tube is hot, thus assuring accuracy; neon bulb indicates opens, leakage, or shorts between any two elements. A new Supreme tube testing circuit simplifies operation; requires a minimum of controls for each test. Panel selector switch corrects line voltage variations. External circuit tests using multimeter ranges are made extremely simple by means of tip jacks for test leads. Model 502 tester is housed in a golden oak carrying case with removable cover. Antique bronze panel has neatly embossed markings. With complete tube charts and instructions.

For 115 volts 50-60 cycles. Wt., 16 lbs.

BIO263. NET CASH PRICE.....\$48⁹⁵

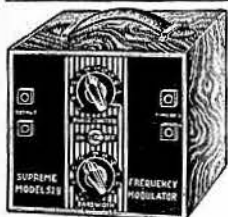
S.I.C. TIME PAYMENTS: \$5.50 down, \$4.95 monthly for 10 months.

MODEL 501 TUBE TESTER

This new instrument uses the same advanced tube checking system used in the Model 502 described above, but contains no set testing ranges. Employs the new floating filament return system; tests every tube now in use with full provision for future types.

BIO267. NET CASH PRICE.....\$36.21

S.I.C. TIME PAYMENTS: \$4.00 down, \$3.66 monthly for 10 months.



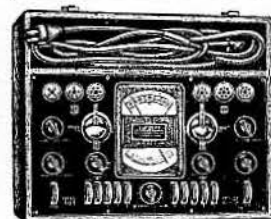
529 FREQUENCY MODULATOR

A newly developed unit for use in visual alignment work. May be used with any signal generator having frequency modulator input terminals, especially the Supreme Model 570 (listed on page 24, BIO256). Will frequency modulate the carrier of the R.F. Signal Generator allowing the output to be used with an oscilloscope for visual alignment of set under test. Completely electrical in operation, the Model 529 has a tank circuit which is fixed-tuned to 600 KC. using an iron-core inductor. Frequency modulation is accomplished by electrical variation of the inductance of this tank circuit, with band width controllable as desired by the operator. Only two panel controls, one for adjustment of band width, and one for phase control, each one calibrated for ease of operation. In conjunction with an oscilloscope and signal generator the Model 529 provides an accurate, easily-operated means of producing perfect aligning jobs. In attractive wood case with handy carrying handle; overall size only 6x7x6".

For 115 volts 50-60 cycles. Shpg. wt., 12 lbs.

BIO264. NET CASH PRICE.....\$21⁵¹

S.I.C. TIME PAYMENTS: \$4.00 down and \$4.00 monthly for 5 months.



505 STANDARD TUBE TESTER

Here is a high quality tube tester which combines low cost with maximum flexibility and accuracy. Completely tests all metal or glass tubes in 6 sockets without adapters. All tubes tested under RMA rated loads. New Supreme Quadrimeter with Bi-indicating needles is indirectly illuminated through dual-view windows. Top meter scale has three sectors, "Good" "Y" "Bad" for quality test to indicate emission loss; bottom scale divided into 100 divisions for close comparison between tubes of similar types. Built-in power supply has complete adjustment for varying line voltages.

Accurately indicates exact condition of any tube by testing under actual operating conditions, with load conditions conforming to RMA ratings. Full neon test for inter-element leakage quickly separates good tubes from bad. Tests all sections of multi-purpose tubes and both plates of full-wave rectifiers. Housed in attractive hardwood case with carrying handle and detachable lid. Ideal for either counter or portable use. Size 15x14x6 1/2" overall. For 95-125 Volt, 60 cycle A.C.

BIO259. NET CASH PRICE.....\$46⁹⁹

S.I.C. TIME PAYMENTS: \$5.25 down and \$4.75 monthly for 10 months.

535 2" CATHODE-RAY OSCILLOSCOPE

- New Two-inch Cathode-Ray Tube.
- New Snap-lock Synchronizer.
- Calibrated Amplifier Controls.
- Adjustable Screen Hood.
- Exclusive Uni-control.
- Flexible Control Functions.



A new, compact oscilloscope with the exclusive new two-inch screen cathode-ray tube! Meets every requirement of visual alignment work which is so important in the servicing of modern radio sets. Has many important features. Uses a new 2" screen cathode-ray tube which has four times the usable image surface of the 1 1/2" tube. Return sweep eliminator suppresses high frequency linear sweep return. Has selective return sweep eliminator for inclusion or rejection of power supply frequency return sweep; snap-lock synchronizer for positive interlock of linear oscillator with input signal. New Uni-Control permits separate control of two circuits with only one shaft. Simplifying operation.

INCLUDES BUILT-IN AMPLIFIERS

Linear oscillator with vernier control has seven ranges covering 15 to 30,000 C.P.S. Built-in horizontal and vertical amplifiers have range of 15 to 30,000 C.P.S. with graduated gain controls. With separate controls for intensity and focus of image. The horizontal amplifier has a sensitivity of 0.8 peak volts and vertical amplifier sensitivity is 0.7 peak volts per inch deflection. Has built-in provisions for either external or internal synchronizing. Model 535 is a complete, flexible unit with a minimum of controls for simplicity and ease of operation. Circuits are completely protected by high-speed fuses; has on-off switch equipped with indicating pilot light. Sturdy oak-finished carrying case is only 12x7 1/2 x 9 1/2" overall, with attractive antique bronze panel. Complete with tubes and operating instructions. For 110 volts, 50-60 cycles. Shpg. wt., 20 lbs.

BIO265. NET CASH PRICE.....\$48⁹⁵

S.I.C. TIME PAYMENTS: \$5.50 down, \$4.95 monthly for 10 months.

530 2" CATHODE-RAY OSCILLOSCOPE

A new inexpensive 2" oscilloscope, similar to the Model 535 described above, but does not have built-in horizontal amplifier and linear time base oscillator. Particularly suitable for use in all Amateur stations for checking modulation, audio distortion, etc. Uses three tubes: 2" cathode-ray tube, 637 vertical amplifier, and 5Y4 rectifier. Size 9 1/2 x 6 1/2 x 8 1/2". For 110 volts, 50-60 cycles A.C. Wt., 13 lbs. With tubes and instructions.

BIO266. NET CASH PRICE.....\$29.35

S.I.C. TIME PAYMENTS: \$4.00 down, \$4.13 monthly for 7 months.

MODEL 551 ANALYZER

The new Model 551 Analyzer permits fast and accurate checking of all radio circuits through the use of Supreme's exclusive "Free Reference Point System of Analysis." All resistance, voltage, and current measurements may be taken between any two tube elements or between any tube element and ground or chassis without removing the receiver from its cabinet. All multimeter ranges are read directly on the new type square flush-panel meter, built to high standards of precision by Westinghouse. Meter ranges are: 0-7-140-350-1400 volts D.C. (at 1000 ohms per volt); 0-7-350-1400 volts A.C.; 0-7-35-140 milliamperes D.C.; 0-7-140-350-1400 volts audio output; and 0-200-2,000-20,000 ohms, 0-2-20 megohms, all self-contained, with 1 ohm as first indication and 3.5 ohms as center scale on the low range. For use on 110 volts, 60 cycles only. Housed in an oak carrying case. Complete with all leads, cables, adapters and full operating data.

BIO268. NET CASH PRICE.....\$38¹⁷

S.I.C. TIME PAYMENTS: \$4.25 down, and \$3.86 monthly for 10 months.

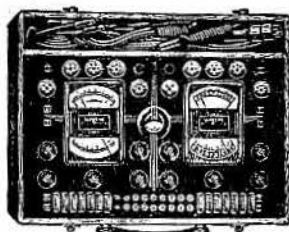
MODEL 541 MULTIMETER

The new Supreme Model 541 Set Tester is one of the most efficient multimeters ever offered the serviceman. It has been carefully designed to provide fast, accurate readings; its 20 ranges and functions are at your finger tips on a single selector switch. Four D.C. voltage ranges are provided: 0-7-140-350-1400 volts at 1000 ohms per volt; four A.C. voltage ranges of 0-7-140-350-1400; three D.C. milliamperes ranges of 0-7-35-140 with 0.2 milliamperes as first marking; 4 output ranges of 0-7-140-350-1400 A.C. volts requiring no external capacitor; 3 ohmmeter ranges of 0-200-2,000-20,000 ohms; and 2 high resistance ranges of 0-2-20 megohms. All resistance measurements are made with a self-contained power supply. All ranges are easily read on evenly spaced scales. Compact and light in weight, the entire unit in oak finished carrying case measures only 7 1/2 x 10 1/2 x 4 1/2". Wt., 9 lbs. For use on 110 volt, 60 cycle A.C. only. Complete with test leads and full operating instructions.

BIO269. NET CASH PRICE.....\$26⁴¹

S.I.C. TIME PAYMENTS: \$4.00 down, and \$3.07 monthly for 7 months.

New SUPREME Test Equipment



SUPREME 585 DE LUXE DIAGNOMETER

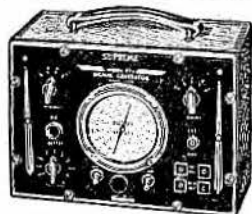
- A Complete Portable Laboratory.
- Double-view Illuminated Meters.
- Full Analysis of Every Circuit.
- Tube Tests on "Good-Bad" Scale.
- Forty-two Multimeter Ranges.
- 5 Decibel Ranges -10 to +46 DB.

A truly advanced professional service test instrument. Makes quick and accurate checks of all circuits and components; also tests every type of metal or glass tube. All measurements of resistance, voltage, current, capacity, power level, etc., as well as tube and condenser tests, are read directly from two sensitive D'Arsonval meters with multiple scales. These new Quadrimeters, exclusive with Supreme Instruments, have bi-indicating needles and illuminated double-view windows for fast accurate readings. All tube tests and electrolytic condenser leakage tests are made with direct-reading "Good-Bad" scales.

FORTY-TWO FUNCTIONS AND RANGES

Meters are accurately calibrated to read: 0.7-35-140-350-700-1400 A.C. or D.C. volts, or D.C. M.A.; 0-14 D.C. amperes; 0-200-2000-20,000-200,000 ohms, and 0-2-20 mega; 0-0.7-35-14-35.7-14 mfd.; -10 to +10, 0 to +10, +10 to +20, +20 to +30, +30 to +46 D.B. A.C. and capacity ranges are read from evenly spaced scales for accuracy. The Model 585 incorporates Supreme's exclusive Free Reference Point Analysis system that checks every circuit. New balance ratio tube-testing circuit accurately indicates tube depreciation; tests for opens, leakage, and inter-element shorts. Housed in an oak-finish carrying case with removable cover; size 22"x18"x7" overall. With all necessary charts, instructions and accessories. For 110 volts. **\$95.00**

BIO250. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$10.00 down, \$8.00 monthly for 12 months.



570 SIGNAL GENERATOR

An All-Wave Signal Generator covering from 90 K.C. to 60 M.C. Fundamentals cover 90 K.C. to 20 M.C.; harmonics cover 20 K.C. to 60 M.C. Has directly calibrated airplane dial. Unusual stability is afforded by use of electron-coupled oscillator and complete circuit shielding; not affected by varying load or line voltage. Provides modulated or unmodulated signal; tip-jacks furnish 400 C.P.S. audio signal for test purposes. Has visual alignment with an oscilloscope. 30% modulation of carrier at 400 C.P.S. is obtained from built-in modulator. R.F. output may be smoothly controlled by means of ladder-type attenuator. Complete with tubes, instructions and accessories. Overall size of carrying case is 10 1/2"x8 1/2"x5 1/2". For 110 volts. **\$31.30**

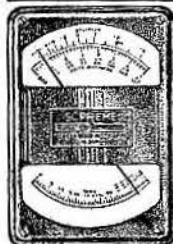
provisions for use with an external frequency modulator if desired for visual alignment with an oscilloscope. 30% modulation of carrier at 400 C.P.S. is obtained from built-in modulator. R.F. output may be smoothly controlled by means of ladder-type attenuator. Complete with tubes, instructions and accessories. Overall size of carrying case is 10 1/2"x8 1/2"x5 1/2". For 110 volts. **\$31.30**

BIO256. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$4.00 down, \$3.90 monthly for 8 months.

MODEL 580 SIGNAL GENERATOR

Has all the features of the Model 570 with additional functions necessary for precision test work. R.F. output may be electronically frequency-modulated at a constant band-width of 24 K.C. Built-in beat-frequency oscillator is accurately calibrated from 50 to 10,000 C.P.S. R.F. carrier may be used unmodulated, frequency-modulated, or amplitude-modulated 30% at 400 C.P.S. by a built-in audio oscillator which also provides 400 cycle signal for external tests. In portable oak case. For 110 volts, 60 cycles. A.C. **\$53.85**

BIO252. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$6.00 down, \$5.44 monthly for 10 months.



510 FOUNDATION KIT

A modern volt-ohm-milliammeter in kit form. Easily assembled and indispensable to the Serviceman, Experimenter or Amateur. The new Supreme Quadrimeter included employs a bi-indicating or double-pointer. Easy-to-read 3 1/2" scales are clearly marked; A.C. voltages are read on evenly-spaced scales for greatest convenience. Sword-point needles permit accurate reading even in poor light; scales may be illuminated by dial lights if desired. This new and exclusively designed meter measures 3 1/2" has removable dust-proof cover made of attractive bakelite.

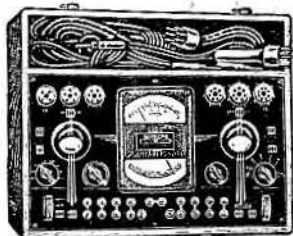
TWENTY-SEVEN RANGES

The complete kit contains all parts necessary for the following ranges: 0.7-35-140-350-700-1400 A.C. or D.C. volts, and D.C. milliamperes; 0-2,000-20,000-200,000 ohms. A.C. ranges may be used for output measurements. Kit consists of: 1-NEW SUPREME QUADRIMETER, 1-meter adjustment resistor, 9-metalized resistors for voltage and resistance ranges, 6-metalized resistors with 6 matched capacitors added for A.C. voltage readings, 1-zero reset potentiometer, 1-A.C. rectifier, all necessary switches, and complete instructions for assembly. **\$17.50**

BIO257. NET CASH PRICE.....

SUPREME 550 DE LUXE RADIO TESTER

- Free Reference Point Analyzer.
- Tests All Metal and Glass Tubes.
- Twenty-nine Multimeter Ranges.
- Completely Tests All Circuits.
- Indirectly Illuminated Meter.
- Tests All Condensers.



This new Supreme test instrument is a combination set analyzer and point-to-point tester. Provides complete circuit analysis of resistance, voltage and current as well as tube tests directly from tube sockets in set. All meter ranges are applied through the analyzer cable making it unnecessary to remove the chassis from the cabinet. Meter ranges are: 0.7-35-140-350-700-1400 V. A.C. and D.C.; at 1000 ohms per volt; 0.7-35-140-350-700-1400 M.A. D.C.; 0-11 Amperes (external only); 0-2,000-20,000-200,000 ohms and 0-2-20 megohms; -10 to +10, 0 to +10, +10 to +20, +20 to +30 and +30 to +46 D.B. Leakage of electrolytic condensers reads directly on meter dial; makes electrostatic leakage test; all electrolytic condensers can be tested at rated working voltage. Supreme's famous Free Reference Point method of analysis enables complete checking of all circuit components. Size 18"x14 1/2"x7 1/2" overall. Complete with test leads, cable and plugs, adapters, charts, and complete instructions. For 110 Volts. **\$54.83**

BIO254. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$6.00 down, \$5.55 monthly for ten months.

MODEL 540 STANDARD ANALYZER

Similar in appearance and performance to the Model 550, but does not include its tube testing circuits or power level scales. Has 24 ranges and functions. A truly Deluxe Radio Tester. **\$36.20**

BIO255. NET CASH PRICE.....
S.I.C. TIME PAYMENTS: \$4.00 down, \$3.66 monthly for 10 months.

SUPREME 555 DIAGNOSCOPIC

A combination of the 545 Cathoray Oscilloscope and 580 Signal Generator. Provides fundamental frequencies from 90 K.C. to 20 M.C. with harmonics to 60 M.C. R.F. output may be used unmodulated, or 30% modulated at 400 cycles. Has built-in provisions for either frequency or amplitude-modulation of carrier for visual alignment work with the oscilloscope. May be used for accurate measurements of wave-form, voltage gain, distortion, etc. "Saw-tooth" oscillator has range of 7 to 20,000 C.P.S.; horizontal and vertical amplifiers have range of 20 to 90,000 C.P.S. Has individual controls for Signal Generator and Oscilloscope so that either may be used separately if desired. The Model 555 Diagnosticscope is an ideal instrument for the "up-to-the-minute" service shop. Its complete features of operation and numerous functions permit "peak" alignment so vital to the operation of modern receivers, as well as accurate analysis of audio systems or other circuits. Completely housed in metal cabinet; 16x24x24" overall. Complete with all tubes, and operating charts and instructions. For 110 volts, 50-60 cycles. **\$144.99**

BIO253. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$15.00 down, \$12.05 monthly for 12 months.

545 CATHORAY OSCILLOSCOPE

A visual servicing instrument of unusual value. An absolute necessity in the modern service shop. The 545 Cathoray Oscilloscope is similar in design, appearance, and operation to the 555 Diagnosticscope described above; it also has the built-in signal generator. Supplied with complete set of R.C.A. tubes and all necessary operating instructions. Housed in sturdy steel case. For operation on 110 volts, 50-60 cycles. **\$91.09**

BIO251. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$10.00 down, \$7.68 monthly for 12 months.

500 AUTOMATIC TUBE TESTER

Designed to meet every requirement of present day tube testing. Tests all types of metal or glass tubes; also tests all types of condensers and provides a multi-purpose meter for additional circuit analysis. Meter ranges available are: 0.7-140-700-1400 volts A.C. and D.C.; 0.7-140-700-1400 M.A. D.C.; 0-2,000-20,000-200,000 and 0-2-20 megohms; -10 to +10, 0 to +10, +10 to +20, +20 to +30 and +30 to +46 D.B. Tubes are tested for quality under rated operating conditions; English-reading meter scale reads "Good," "???" or "Bad." Six sockets test all tubes by means of exclusive filament return selector switch. Neon test for internal leakage; also checks leakage of electrolytic condensers. Multi-meter ranges may be used for Free Reference Point Analysis by means of test leads supplied. Housed in attractive golden oak carrying case with slip-hinged cover. Size 20 1/2"x15 1/2"x7 1/2" overall. Furnished with all necessary accessories, instructions and tube charts. For 110-125 Volt, 60 cycle A.C. **\$65.60**

BIO260. NET CASH PRICE.....
S. I. C. TIME PAYMENTS: \$7.50 down, \$6.61 monthly for 10 months.